

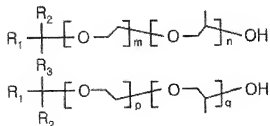
## LISTING OF CLAIMS

Please **amend** the claims as follows:

1. (Currently amended) A cleaning solution comprising:

deionized water; and

a surfactant represented by the following formula:

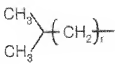


wherein R<sub>1</sub> and R<sub>3</sub> are carbides or fluorocarbons having 1 to 20 carbons, R<sub>2</sub> is hydrogen or carbide, m+p is an integer ranging from 1 to 30, n+q is an integer ranging from 0 to 10.




2. (Original) The cleaning solution as claimed in claim 1, wherein R<sub>1</sub> is selected

from the group consisting of a methyl group,  $\text{CH}_3(\text{CH}_2)_r$ ,  $\text{CH}_3\text{C}(\text{CH}_3)(\text{CH}_2)_r$ ,  $\text{CH}_3\text{C}(\text{CH}_3)_2(\text{CH}_2)_r$ ,  $\text{CF}_3(\text{CF}_2)_r$ ,  $\text{CF}_3\text{C}(\text{CF}_3)(\text{CF}_2)_r$  and  $\text{CF}_3\text{C}(\text{CF}_3)_2(\text{CF}_2)_r$ , wherein r is an integer ranging from 1 to 15.

3. (Original) The cleaning solution as claimed in claim 1, wherein R<sub>2</sub> is selected from the group consisting of hydrogen, a methyl group, an ethyl group, a propyl group,

an isopropyl group,  $\text{CF}_3$ ,  $\text{CF}_3\text{CF}_2$  and  $\text{CH}_3$  , wherein r is an integer ranging from 1 to 15.

4. (Original) The cleaning solution as claimed in claim 1, wherein  $R_3$  is selected from

the group consisting of  $-\text{C}\equiv\text{C}-$ , ,  and .

5. (Original) The cleaning solution as claimed in claim 1, further comprising an anionic surfactant containing fluorine or a nonionic surfactant containing fluorine.

6. (Original) The cleaning solution as claimed in claim 5, wherein the nonionic surfactant containing fluorine is  $R_f\text{CH}_2\text{CH}_2\text{O}(\text{CH}_2\text{CH}_2\text{O})_x\text{H}$ , wherein X is an integer ranging from 0 to 20 and  $R_f$  is  $\text{F}(\text{CF}_2\text{CF}_2)_y$ , and wherein Y is an integer ranging from 1 to 10.

7. (Original) The cleaning solution as claimed in claim 5, wherein the anionic surfactant containing fluorine is ammonium perfluoroalkylethoxy phosphate.

8. (Original) The cleaning solution as claimed in claim 5, wherein the anionic surfactant containing fluorine or the nonionic surfactant containing fluorine is about 0.01 to about 1.0 wt.% based on a total weight of the deionized water.

9. (Original) The cleaning solution as claimed in claim 1, wherein the surfactant is about 0.01 to about 1.0 wt.% based on a total weight of the deionized water.

Claims 10-26 (Canceled)

Please **add** the following new claims:

27. (New) The cleaning solution as claimed in claim 1, wherein  $R_1$  is selected from the

group consisting of a methyl group,  $\text{CF}_3-(\text{CF}_2)_r$ ,  $\text{CF}_3-\text{C}(\text{CF}_3)(\text{CF}_2)_r$  and  $\text{CF}_3-\text{C}(\text{CF}_3)_2(\text{CF}_2)_r$ , wherein  $r$  is an integer ranging from 1 to 15.

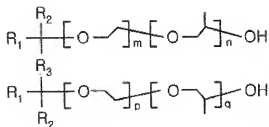
28. (New) The cleaning solution as claimed in claim 1, wherein  $R_1$  is selected from the

group consisting of,  $\text{CH}_3-\text{C}(\text{CH}_3)(\text{CH}_2)_r$ ,  $\text{CH}_3-\text{C}(\text{CH}_3)_2(\text{CH}_2)_r$ , wherein  $r$  is an integer ranging from 5 to 15.

29. (New) A cleaning solution comprising:

deionized water; and

a surfactant represented by the following formula:

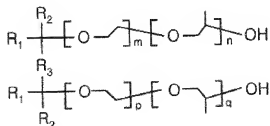


wherein  $R_1$  and  $R_3$  are carbides or fluorocarbons having 1 to 20 carbons,  $R_2$  is hydrogen or carbide,  $m+p$  is an integer ranging from 1 to 30,  $n+q$  is an integer ranging from 0 to 10 and ammonium perfluoroalkylethoxy phosphorate.

30. (New) A cleaning solution comprising:

deionized water; and

a surfactant represented by the following formula:



wherein R<sub>1</sub> and R<sub>3</sub> are carbides or fluorocarbons having 1 to 20 carbons, R<sub>2</sub> is hydrogen or carbide, m+p is an integer ranging from 1 to 30, n+q is an integer ranging from 0 to 10

wherein R<sub>3</sub> is selected from the group consisting of,

